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**LIST OF PRIOR ART CITED BY  
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(PTO-1449)**

AUG 28 2002

ATTY. DOCKET NO.  
**CI-0013**

APPLN. SERIAL NO.  
**10/024,043**

APPLICANT  
**Wilson BURGESS et al.**

FILING DATE  
**December 21, 2001**

GROUP  
**1636**

**U.S. PATENT DOCUMENTS**

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*ISSUE DATE	*INVENTOR NAME	CLASS	SUBCLASS	FILING DATE
VA	A1	4,336,247	06/1982	Eriksen			
VA	A2	4,931,361	06/1990	Baldeschwieler et al.			
VA	A3	5,012,503	04/1991	Nambu et al.			
VA	A4	5,044,091	09/1991	Ueda et al.			
↑	A5	5,856,172	01/1999	Greenwood et al.			
	A6	6,010,719	01/2000	Remon et al.			
	A7	6,060,233	05/2000	Wiggins			
VA	A8	6,258,821	07/2001	Stogniew et al.			
	A9						
	A10						
	A11						

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**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER'S INITIALS	CITE NO.	*PATENT APPLN. PUB. NO.	*PUB. DATE	*APPLICANT	CLASS	SUBCLASS	FILING DATE
	B1						

**U.S. PATENT APPLICATIONS**

*EXAMINER'S INITIALS	CITE NO.	*APPLN. NO.	*FILING DATE	*INVENTOR	CLASS	SUBCLASS	FILING DATE
	C1						

**FOREIGN PATENT DOCUMENTS**

*EXAMINER'S INITIALS	CITE NO.	*PATENT NO.	*DATE	*COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
	D1							
	D2							
	D3							
	D4							
	D5							

**OTHER ART**

*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
VA	E1	Blanchy, B.B. et al., Immobilization of Factor VIII on Collagen Membranes, J. Biomedical Materials Research, 20:469-479 (1986) (John Wiley & Sons, Inc.)
VA	E2	Borisova, E.A. et al., Protein Degradation During Interphase Death of Thymocytes Induced by Radation and Dexamethasone, pp.519-521 (1990)
VA	E3	Boyer, T.D. et al., Radiation Inactivation of Microsomal Glutathione S-Transferase, The Journal of Biological Chemistry, 261:16963-16968 (1986)

EXAMINER

VA *Amorin*

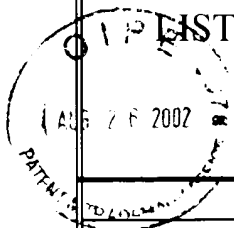
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EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
VA	E4	Chanderkar, L.P. et al., The Involvement of Aromatic Amino Acids in Biological Activity of Bovine Fibrinogen as Assessed by Gamma-Irradiation, Radiation Research, 65:283-291 (1976) (Academic Press, Inc.)
	E5	Chanderkar, L.P. et al., Radiation-Induced Changes In Purified Prothrombin and Thrombin, Biochimica et Biophysica Acta, 706:1-8 (1982) (Elsevier Biomedical Press)
	E6	Chin, S. et al., Virucidal Treatment of Blood Protein Products With UVC Radiation, Photochemistry and Photobiology, 65:432-435 (1997) (American Society for Photobiology)
	E7	Cornu, O. et al., Effect of Freeze-Drying and Gamma Irradiation on the Mechanical Properties of Human Cancellous Bone, J. Orthopaedic Research, 18:426-431 (2000)
	E8	Dyskin, E.A. et al., Hemomicrocirculatory Bed in the Wall of Hollow Organs of the Dog Gastrointestinal Tract at Portal Hypertension, Arkh Anat Gistol Embiol, 93:58-68 (1987)
	E9	Dziedzic-Goclawska, A. et al., Effect of Radiation Sterilization on the Osteoinductive Properties and the Rate of Remodeling of Bone Implants Preserved by Lyophilization and Deep-Freezing, Clinical Orthopaedics and Related Research, 272:30-37 (1991)
	E10	Ghosh, M.M. et al., A Comparison of Methodologies for the Preparation of Human Epidermal-Dermal Composites, Annals of Plastic Surgery, 39:390-404 (1997) (Lippincott-Raven Publishers)
	E11	Hsiue, G. et al., Absorbable Sandwich-Like Membrane for Retinal-Sheet Transplantation, pp.20-25 (2002) (Wiley Periodicals, Inc)
	E12	Jensen, J. et al., Membrane-bound Na, K-ATPase: Target Size and Radiation Inactivation Size of Some of Its Enzymatic Reactions, J. Biological Chemistry, 263:18063-18070 (1988) (Am. Soc. for Biochem. and Mol. Biol.)
	E13	Jensen, O. T. et al., Vertical Guided Bone-Graft Augmentation in a New Canine Mandibular Model, The Int'l Journal of Oral and Maxillofacial Implants, 10:335-343 (1995)
	E14	Kamat, H.N. et al., Correlation of Structural Alterations in Bovine Fibrinogen with Loss of Clotting Properties After Gamma Irradiation, Radiation Research, 49:381-389 (1972) (Academic Press, Inc.)
	E15	Katz, R.W. et al., Radiation -Sterilized Insoluble Collagenous Bone Matrix is a Functional Carrier of Osteogenin for Bone Induction, Calcified Tissue Int., 47:183-185 (1990) (Springer-Verlag New York Inc.)
	E16	Kempner, E.S. et al., Effect of Environmental Conditions on Radiation Target Size Analyses, Analytical Biochemistry, 216:451-455 (1994)
	E17	Kempner, E.S. et al., Radiation-Damaged Tyrosinase Molecules are Inactive, Biophysical Journal, 55:159-162 (1989) (Biophysical Society)
	E18	Kuijpers, A.J. et al., In vivo Compatibility and Degradation of Crosslinked Gelatin Gels Incorporated in Knitted Dacron, pp.137-144 (2000) (John Wiley & Sons, Inc.)
	E19	Le Maire, M. et al., Effects of Ionizing Radiations on Proteins, Journal of Biochem., 267:431-439 (1990)
	E20	Ma, J.T. et al., Functional Size Analysis of F-ATPase from <i>Escherichia coli</i> by Radiation Inactivation, The Journal of Biological Chemistry, 268:10802-10807 (1993) (The Am. Soc. for Biochem. and Mol. Bio., Inc.)

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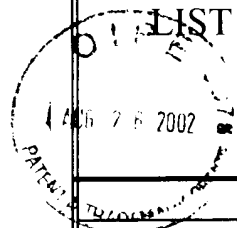
V. Afanador

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	E22	Munting, E. et al., Effect of Sterilization on Osteoinduction, Acta Orthop. Scand., 59:34-38 (1988)
	E23	Nagrani, S. et al., The Radiation-Induced Inactivation of External Yeast Invertase in Dilute Aqueous Solution, Int. J. Radiat. Biol., 55:191-200 (1989) (Taylor & Francis Ltd.)
	E24	Nielsen, M. et al., The Apparent Target Size of Rat Brain Benzodiazepine Receptor, Acetylcholinesterase, and Pyruvate Kinase Is Highly Influenced by Experimental Conditions, The Journal of Biological Chemistry, 263:11900-11906 (1988) (The American Society for Biochemistry and Molecular Biology, Inc.)
	E25	Plavsic, Z. M. et al., Resistance of Porcine Circovirus to Gamma Irradiation, BioPharm, pp. 32-36 (April 2001)
	E26	Potier, M. et al., Radiation Inactivation of Proteins: Temperature-Dependent Inter-Protomeric Energy Transfer in Ox Liver Catalase, Biochem. J., 298:571-574 (1994)
	E27	Prolo, D.J. et al., Composite Autogeneic Human Cranioplasty: Frozen Skull Supplemented With Fresh Iliac Corticocancellous Bone, Neurosurgery, 15:846-851 (1984) (The Congress of Neurological Surgeons)
	E28	Puolakkainen, P.A. et al., The Effect of Sterilization on Transforming Growth Factor $\beta$ Isolated From Demineralized Human Bone, Transfusion, 33:679-685 (1993)
	E29	Ripamonti, U. et al., Long-Term Evaluation of Bone Formation by Osteogenic Protein 1 in the Baboon and Relative Efficacy of Bone-Derived Bone Morphogenetic Proteins Delivered by Irradiated Xenogeneic Collagenous Matrices, J. Bone and Mineral Research, 15:1798-1809 (2000) (Am. Soc. for Bone and Mineral Res.)
	E30	Sakai, T. et al., Microbiological Studies on Drugs and Their Raw Materials. IV. Sterilization of Microbial Contaminants in Enzyme Powder by Gamma Irradiation, Chem. Pharm. Bull., 26:1130-1134 (1978)
	E31	Salehpour, A. et al., Dose-Dependent Response of Gamma Irradiation on Mechanical Properties and Related Biochemical Composition of Goat Bone-Patellar Tendon-Bone Allografts, J. Orthopaedic Research, 13:898-906 (1995)
	E32	Salim-Hanna, M. et al., Free Radical Scavenging Activity Of Carnosine, Free Rad. Res. Comms., 14:263-270 (1991) (Harwood Academic Publishers GmbH)
	E33	Schwarz, N. et al., Irradiation-sterilization of Rat Bone Matrix Gelatin, Acta Orthop Scand, 59:165-167 (1988)
	E34	Smith, C.W. et al., Mechanical Properties of Tendons: Changes With Sterilization and Preservation, J. Biomechanical Engineering, 118:56-61 (1996) (ASME)
	E35	Song, K.B. et al., Effect of Gamma-irradiation on the Physicochemical Properties of Blood Plasma Proteins, 2002 Annual Meeting and Food Expo-Anaheim, California, Session 30C-1, Food and Chemistry: Proteins. (June 2002) (Abstract)
	E36	Suomela, H., Inactivation of Viruses in Blood and Plasma Products, Transfusion Medicine Reviews, 7:42-57 (1993) (W.B. Saunders Company)
	E37	Toritsuka, Y. et al., Effect of Freeze-Drying or $\gamma$ -Irradiation on Remodeling of Tendon Allograft in Rat Model, J. Orthopaedic Research, 15:294-300 (1997) (Orthopaedic Research Society)
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*EXAMINER'S INITIALS	CITE NO.	(AUTHOR, TITLE, DATE, PERTINENT PAGES, PUBLISHER, PLACE OF PUBLICATION)
VA	E38	Wangerin, K., et al., Behavior of Differently Sterilized Allogenic Lyophilized Cartilage Implants in Dogs, J. Oral Maxillofac Surg., 45:236-242 (1987)
VA	E39	Wientroub, S. et al., Influence of Irradiation on the Osteoinductive Potential of Demineralized Bone Matrix, Calcified Tissue International, 42:255-260 (1988) (Springer-Verlag New York Inc.)
VA	E40	(Abstract of EP0919198A2 and EP0919198A3 (Delphion-DERABS Abstract # G1999-304614))
VA	E41	Website: <a href="http://www.wslfweb.org/docs/dstp2000.dtopdf/19-MD.pdf">www.wslfweb.org/docs/dstp2000.dtopdf/19-MD.pdf</a> (Defense Science and Technology Plans, (February 2000) p. 176, Section II, MD.03, U.S. Department of Defense Deputy Under Secretary of Defense (Science and Technology))
	E42	Website: <a href="http://www.usacc.org/ataccc/ppt.html">www.usacc.org/ataccc/ppt.html</a> , (Advanced Technology Applications for Combat Casualty Care, 2001 Presentations, US Army Medical Research and Material Command Combat Casualty Care Research Program (2001))
	E43	Website: <a href="http://www.usacc.org/RevisedStepB.html">www.usacc.org/RevisedStepB.html</a> , Bakaltcheva, I. et al., (FY01 Request for Proposals-Intramural-Revised 2, Combat Casualty Care Research Program, (2002))
	E44	Website: <a href="http://www.benvue.com/history/history_content.html">www.benvue.com/history/history_content.html</a> , (2002)
	E45	Website: <a href="http://www.phase-technologies.com/html/vol.2no1.html">www.phase-technologies.com/html/vol.2no1.html</a> , Jennings, T.A., (Glossary of Terms for Lyophilization) (1999)
	E46	Website: <a href="http://www.phase-technologies.com/html/vol.1no9.html">www.phase-technologies.com/html/vol.1no9.html</a> , Jennings, T.A., (Overview of the Lyophilization Process) (1998)
	E47	Website: <a href="http://www.phase-technologies.com/html/vol.1no2.html">www.phase-technologies.com/html/vol.1no2.html</a> , Jennings, T.A., (Role of Product Temperature in the Lyophilization Process) (1998)
	E48	Website: <a href="http://www.phase-technologies.com/html/vol.2no2.html">www.phase-technologies.com/html/vol.2no2.html</a> , Jennings, T.A., (What I Wish I Knew About Lyophilization) (1999)
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VA	E50	Website: <a href="http://www.phase-technologies.com/html/vol.1no10.html">www.phase-technologies.com/html/vol.1no10.html</a> , Jennings, T.A., (Yes, You have no Eutectic) (1998)
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EXAMINER	V. A. Harrison	
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